

SPACE WEATHER

93 MILLION
MILES FROM
THE SUN TO EARTH

3 TYPES

1 ELECTROMAGNETIC EMISSION

IMPACTS

- Aviation
- Atmospheric Drag
- Radio Frequencies Communication Outage

RADIO BLACKOUT
(R) SCALE

2 CHARGED PARTICLE RADIATION

IMPACTS

- Human Space Exploration
- Data Corruption
- Satellite Electronics Damage
- Airline Passenger Radiation
- Solar Panel Degradation

SOLAR RADIATION STORM
(S) SCALE

3 MAGNETIZED PLASMA

IMPACTS

- GPS Signal
- Power Grids
- Atmospheric Drag
- Satellite Electronics Damage

GEOMAGNETIC STORM
(G) SCALE